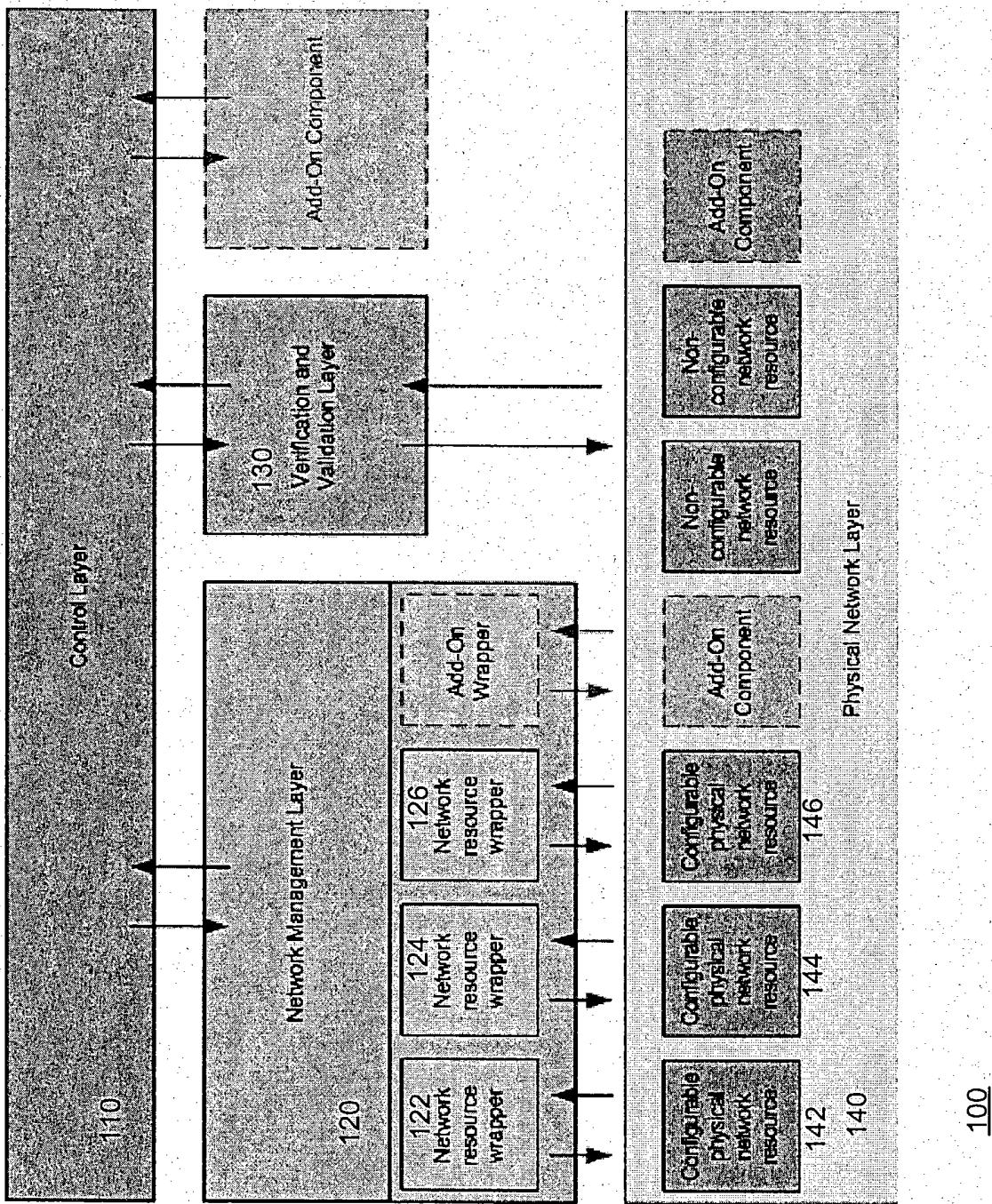


FIG. 1



202

### [Dynamic Network Devices]

```
{ ## DeviceName    OS(WIN2K|WINXP_PRO)  
  ## MAC_Address  Subnet_suffix Card_type
```

204

### [Non-Dynamic Network Devices]

```
#StaticDevName IPAddr1 ... IPAddrN
```

206

### [Power Management Devices]

```
## HomeAddress (A-P)  
## DeviceCode (1-16) AssociatedDevice
```

208

### [Hubs]

```
##HubName  
##AssociatedDevicesName
```

210

### [VLAN Configuration]

```
##switchName switchIp switchPassword controlPort  
## Port Num (list of ports)  
## AssociatedDevice (list of devices)
```

212

### [Routers]

```
{ ## routerName    password controlIP  
  ## interfaceType interface suffix
```

214

### [DHCP Servers]

```
## dhcpServerName password controlInterface controlAddress subnet  
##     interface ipSuffix subnetMask routerSuffix
```

216

### [Addressing Scheme]

```
## prefixType prefix
```

200

**FIG. 2**

The diagram illustrates a network topology with three subnets and three devices. The subnets are labeled 305, 308, and 305 (repeated). The devices are labeled 308, 310, and 312. A bracket labeled 'Topology Type 1' groups the subnets and devices. A bracket labeled 'Device 1' groups the devices. A bracket labeled 'PotentialMovement' groups the devices. A bracket labeled 'Data data data...' groups the subnets. A bracket labeled 'Data data data...' groups the devices. A bracket labeled 'Data data data...' groups the devices.

3  
EIG

```

graph TD
    SN[SubnetN] --- D1[DeviceN]
    SN --- D2[DeviceN]
    SN --- D3[DeviceN]
    D1 --- D1Data1[Data]
    D1 --- D1Data2[Data data]
    D2 --- D2Data1[Data]
    D3 --- D3Data1[Data]
  
```

400

```
proc newVlans { ipAddr passwd totalPorts controlPort vlan1 vlan2 vlan3 vlan4 }
```

EIG 4

505

**SubnetGroupingType**(internal, external)

515

**SubnetSubsection1**

Topology Type 1 (802.11a, 802.11b, etc)

...

520

Topology Type N (802.11a, 802.11b, etc)

...

**SubnetSubsectionN**

Topology Type 1 (802.11a, 802.11b, etc)

...

510

Topology Type N (802.11a, 802.11b, etc)

**DeviceSection**

"n" DeviceTypes StartLocation

{

{

{

525

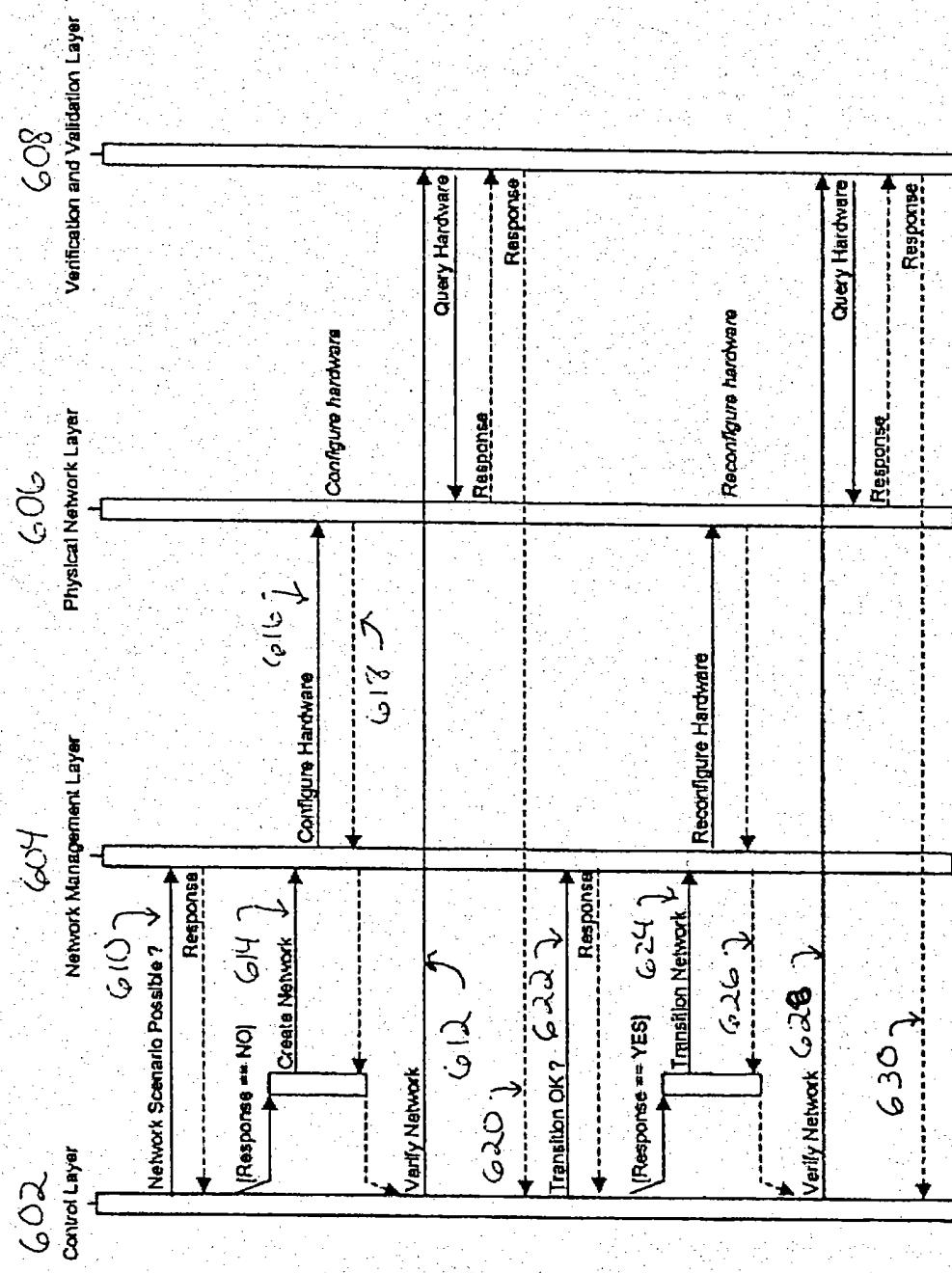
530

535

500

**FIG. 5**

# FIG. 6



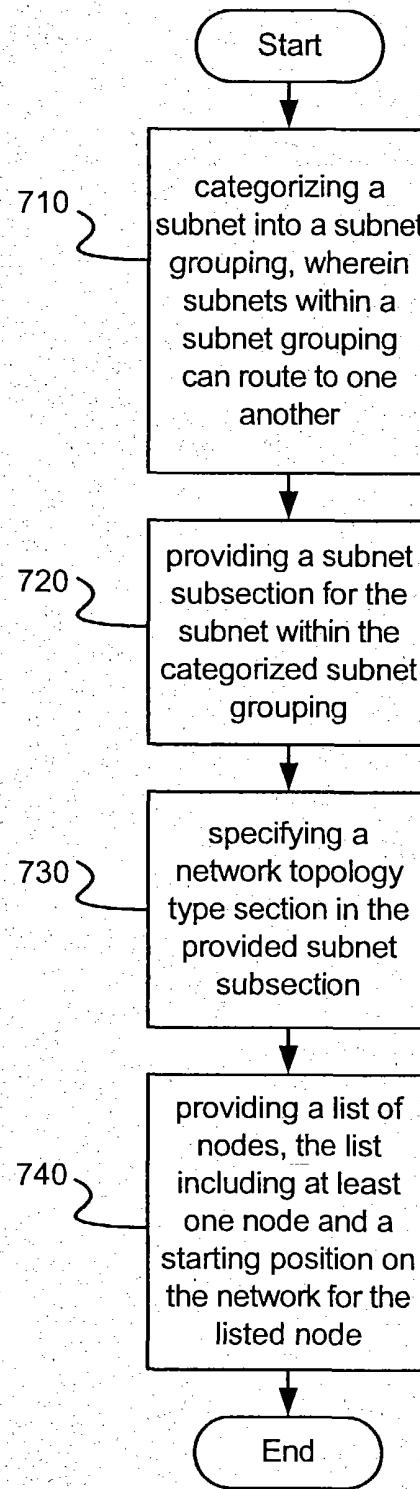
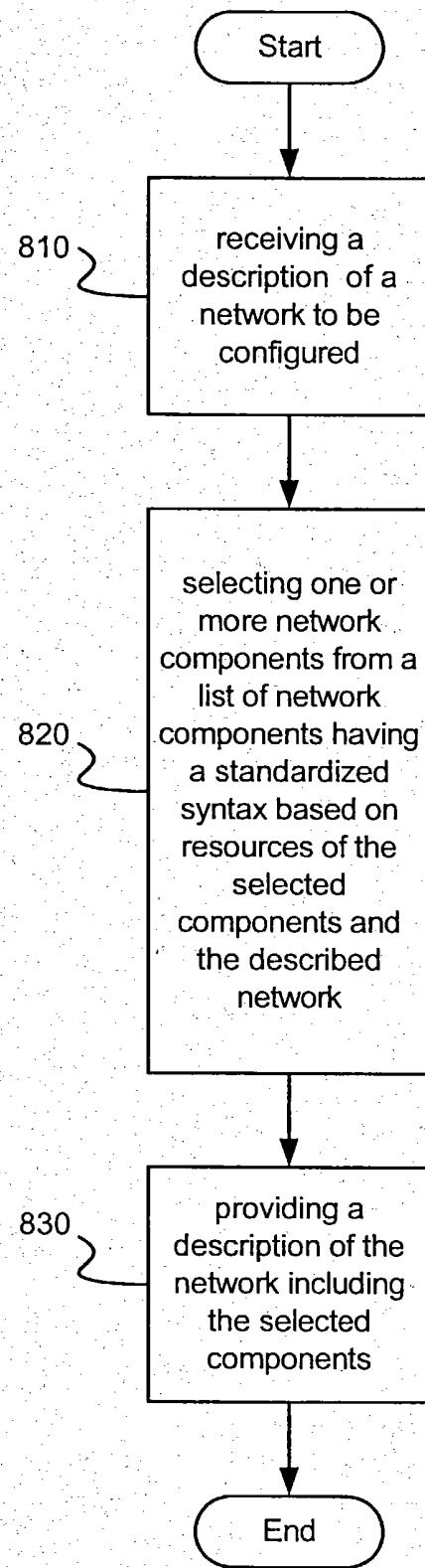


FIG. 7



**FIG. 8**

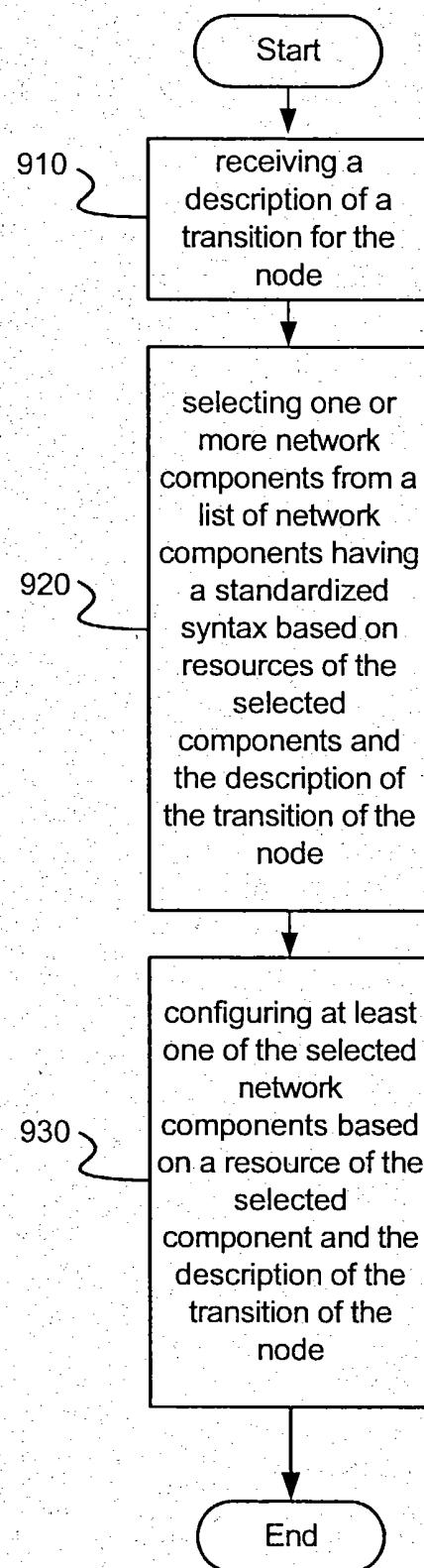
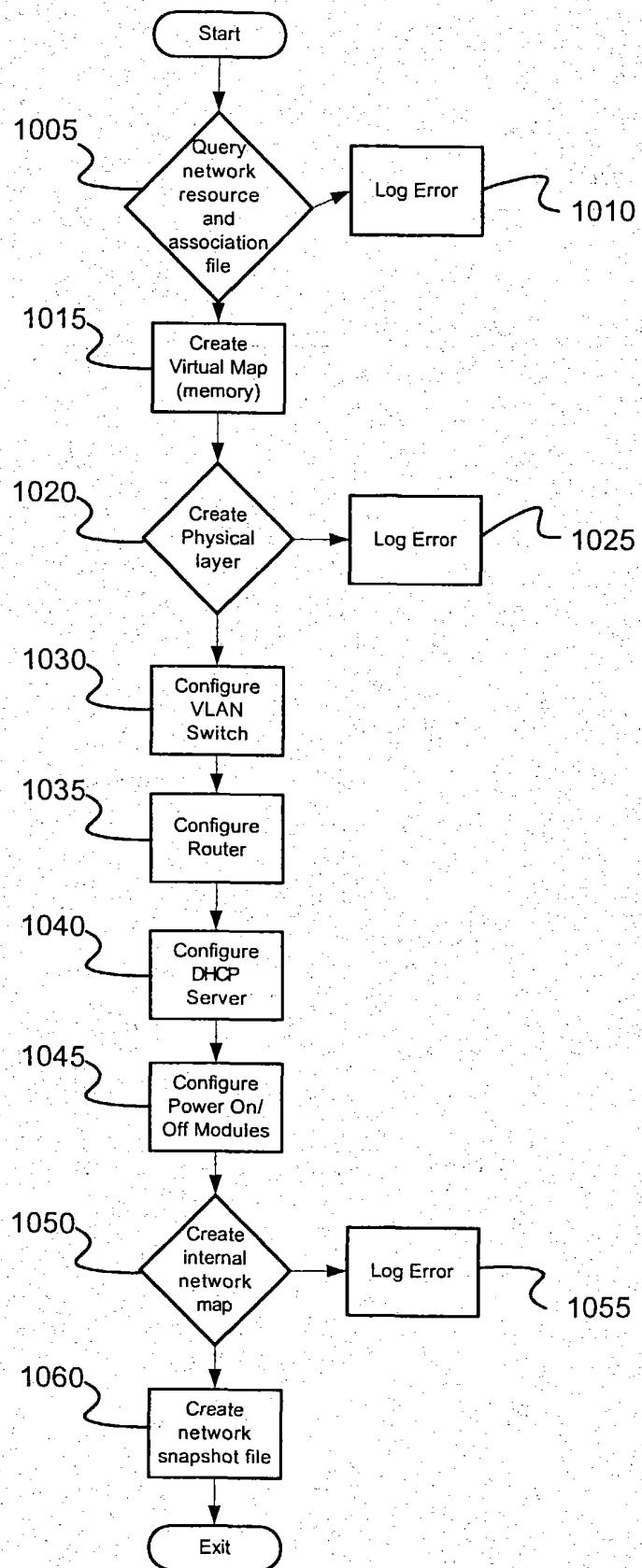


FIG. 9



**FIG. 10**

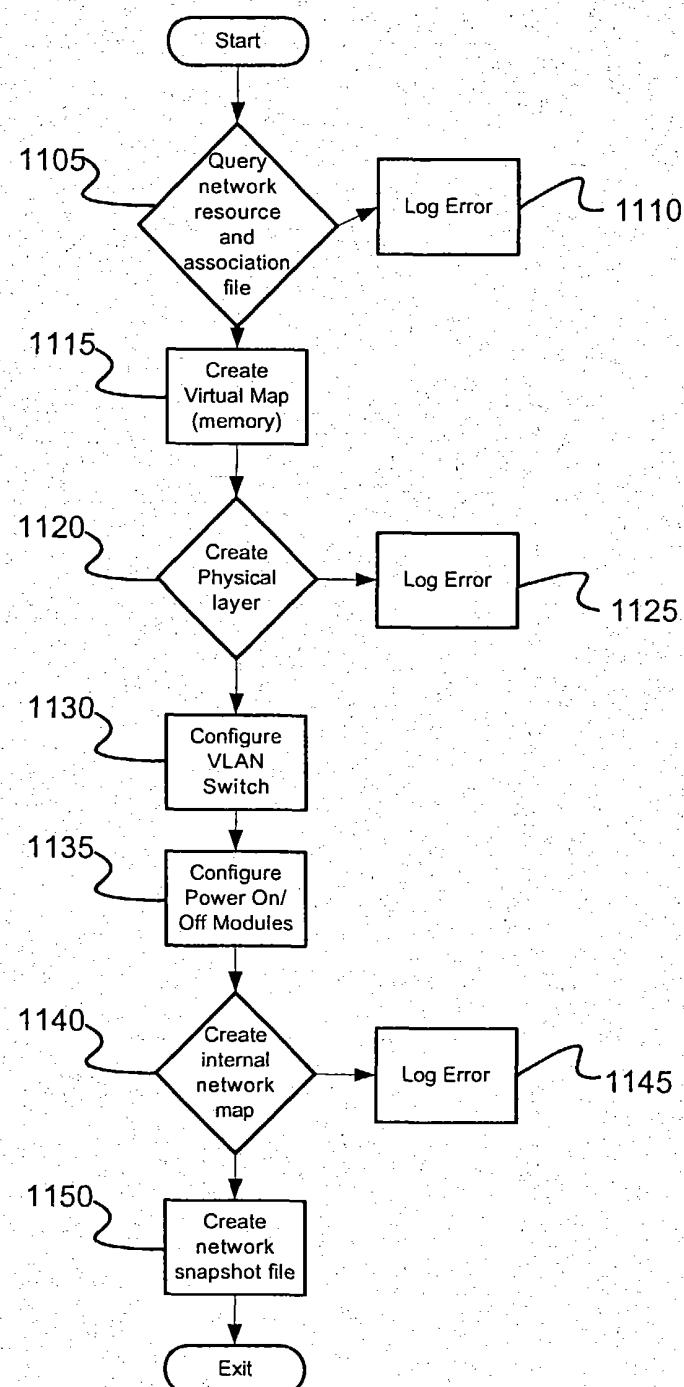


FIG. 11

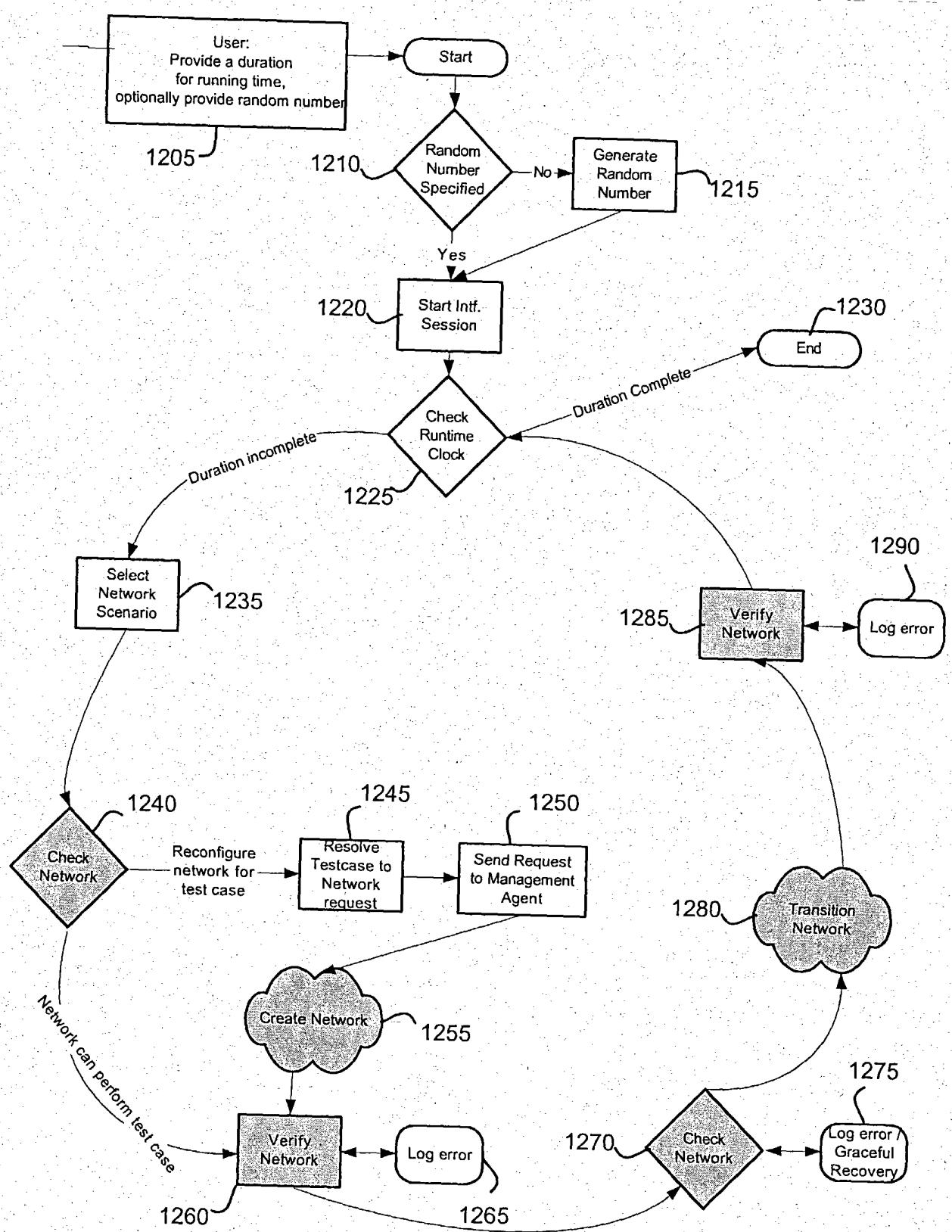
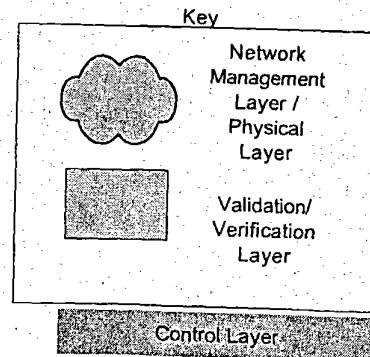


FIG. 12



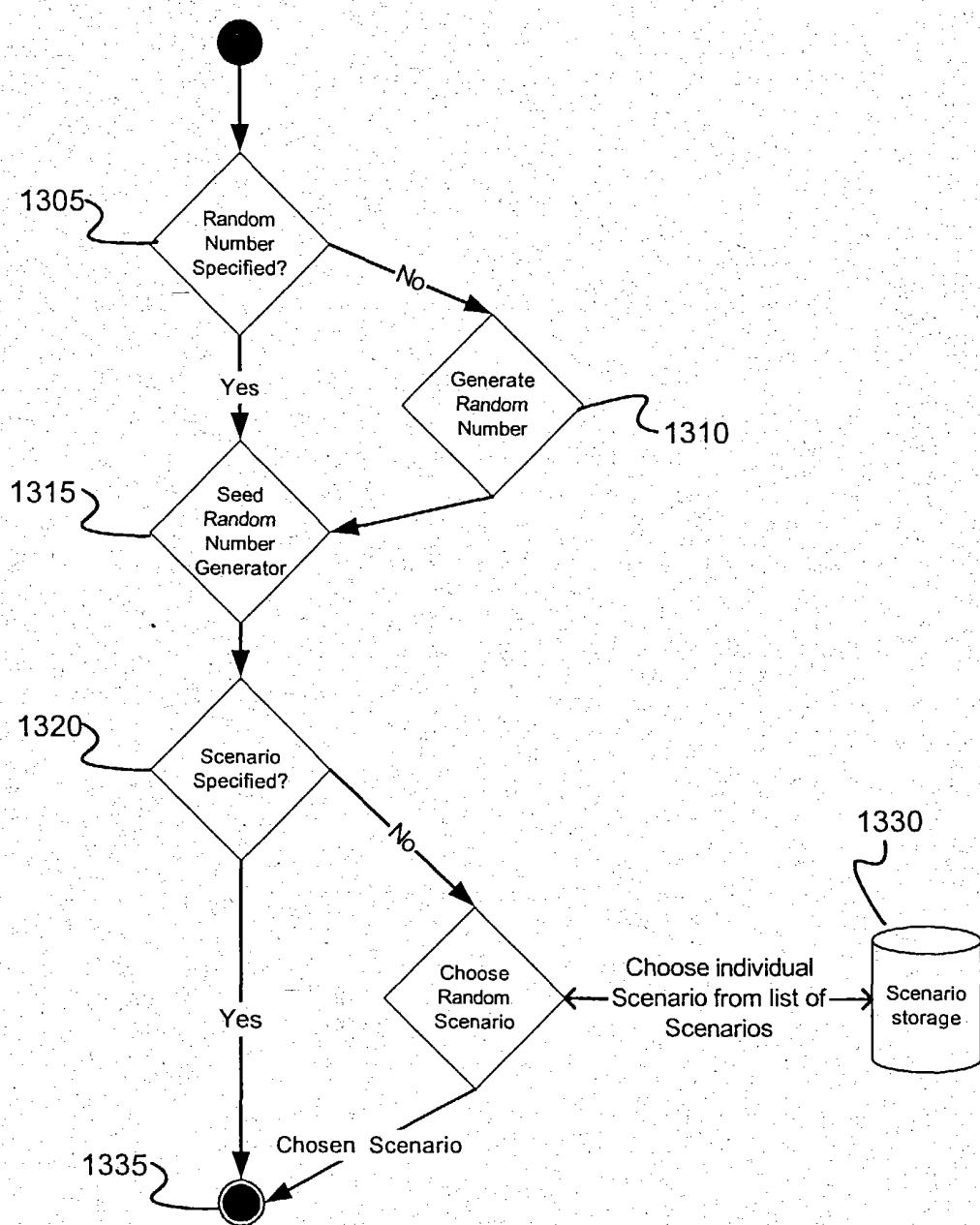
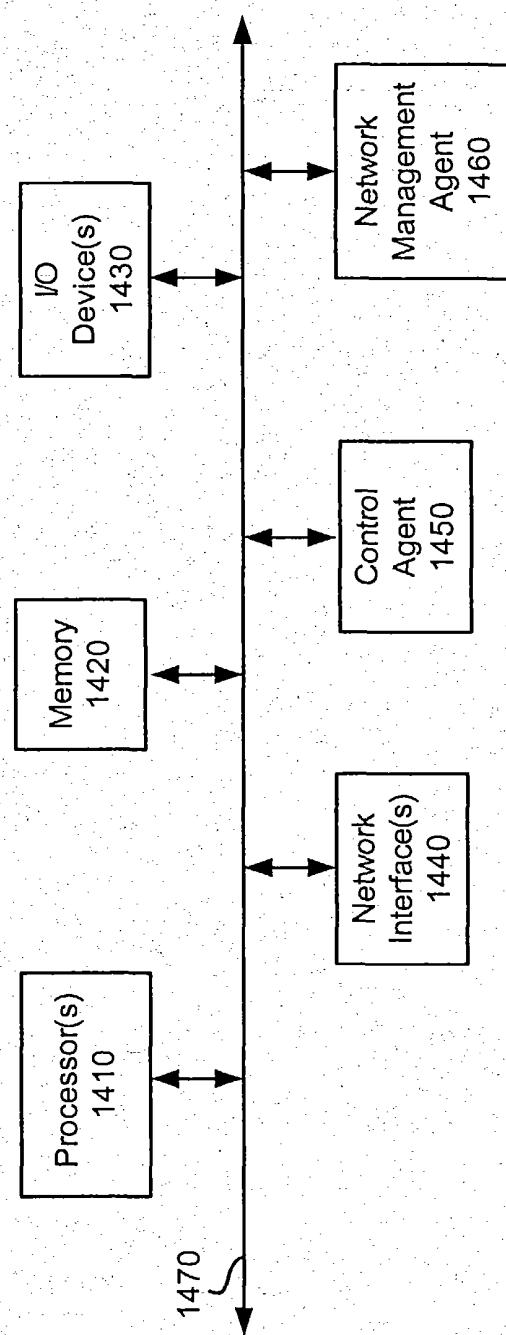
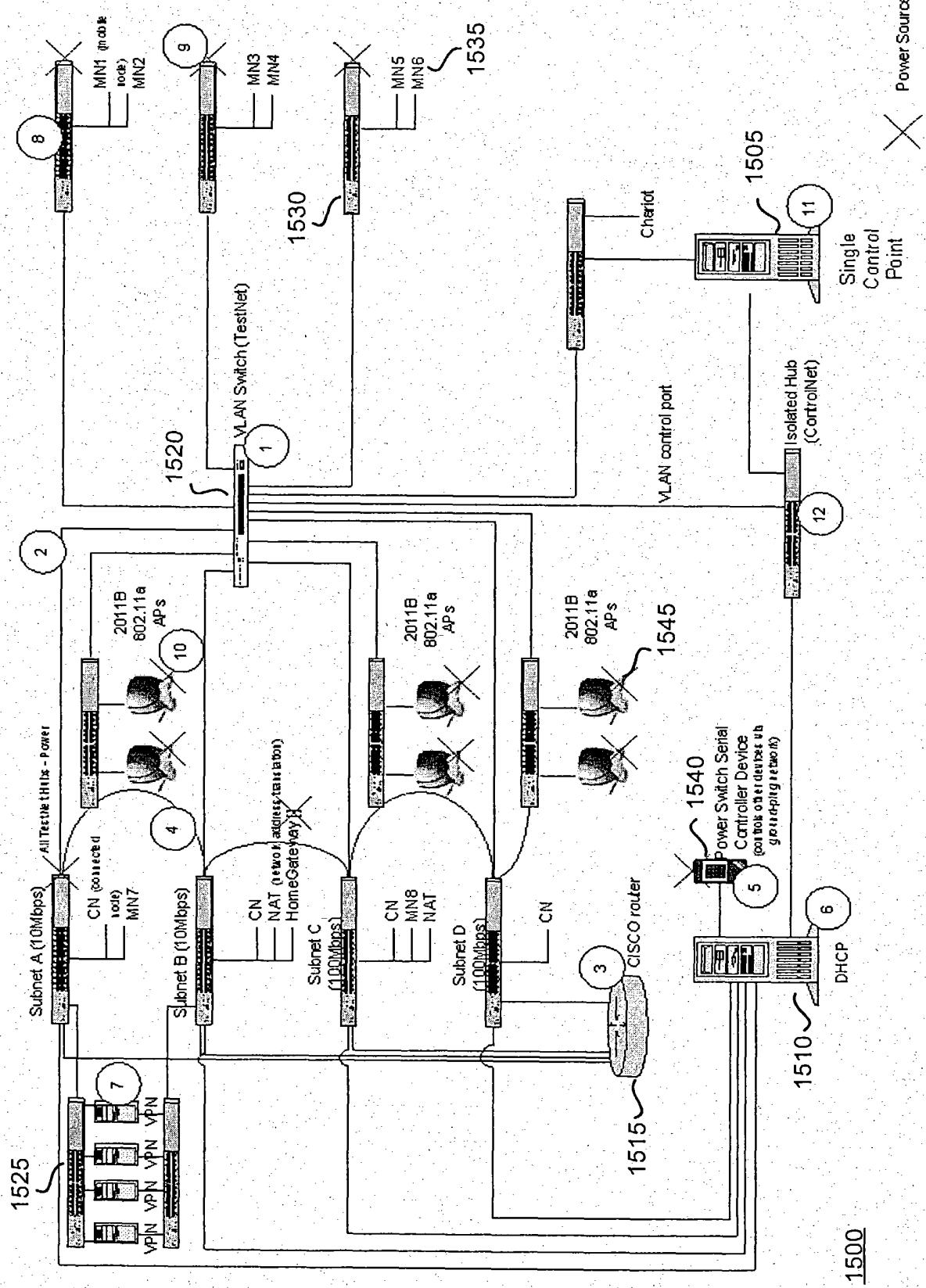


FIG. 13

**FIG. 14**





**FIG. 15**